

U.S. Department of Transportation, Research and Special Programs Administration,  
Office of Contracts and Procurement, DMA-30, Room 7104, 400 7<sup>th</sup> St., SW,  
Washington, DC 20590

**C—ARCHITECTURAL AND ENGINEERING SUPPORT FOR OPERATIONS AND  
GEOGRAPHIC INFORMATION SYSTEM (GIS) SERVICES OF THE NATIONAL  
PIPELINE MAPPING SYSTEM (NPMS) NATIONAL REPOSITORY**

Solicitation: DTRS56-04-R-0001, DUE: FEBRUARY 11, 2004,  
POC: ROBYN ZELLARS, CONTRACT SPECIALIST, (202) 366-1951;  
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1. **CONTRACT INFORMATION:** An Indefinite Quantity/Indefinite Delivery Contract for Architectural/Engineering Support Services is required for the continued operations of the National Pipeline Mapping System (NPMS) National Repository. Types of services required will include operating the National Repository; technical writing; data collection; data conversion, processing, and maintenance utilizing a geographic information system (GIS); maintaining the NPMS homepage at [www.npms.rspa.dot.gov](http://www.npms.rspa.dot.gov); developing Web-based GIS applications; providing on-site GIS support; providing system integrity and security; and dissemination of pipeline data. Firm-Fixed Price Task Orders are expected to be issued for a two (2)- year base period from date of contract award, with options for eight (8) additional 12- month periods. The total duration of the contract will not exceed ten (10) years and the cumulative total of all task orders will not exceed \$10 million dollars. The total of task orders for the base period will not be less than \$10,000 (Guaranteed Minimum). A single award is anticipated for this requirement. If a large business firm is selected for this announcement, it must comply with the FAR Clause 52.219-9 regarding the requirement for a subcontracting plan. The plan is not required as part of this submittal. This announcement is open to all firms regardless of size and can be downloaded via the Internet at: <http://www.rspa.dot.gov> under Procurement Opportunities. Contract award is anticipated in April 2004.
2. **PROJECT INFORMATION:**  
The National Pipeline Mapping System (NPMS) is a GIS database that contains the locations and selected attributes of hazardous liquid and gas transmission pipelines, breakout tanks, and liquefied natural gas (LNG) facilities operating in onshore and offshore territories of the United States where the Research and Special Programs Administration (RSPA) has authority to regulate pipeline facilities. The NPMS was developed as a joint effort between the U.S. Department of Transportation, Research and Special Programs Administration (RSPA), Office of Pipeline Safety (OPS), other Federal and state agencies, and the pipeline industry. The NPMS originally consisted of pipeline and LNG facility data voluntarily submitted by pipeline operators. The Pipeline Safety Improvement Act of 2002 (codified at 49 U.S.C., 60132) requires that pipeline operators submit their hazardous liquid and gas transmission pipeline and LNG

data to the NPMS. The data collected for the NPMS is necessary for regulatory oversight and for monitoring the security of the pipelines.

The NPMS National Repository is operated and maintained by a contractor working on behalf of OPS. The current National Repository began operation in 1998. The current contractor has assisted in finalizing the first NPMS Operator Standards in March 1999; developing procedures for collecting, editing, and processing pipeline and LNG geospatial data; developing quality control procedures; advising OPS on technical issues; developing and maintaining the NPMS homepage at [www.npms.rspa.dot.gov](http://www.npms.rspa.dot.gov); developing Web-based GIS applications; providing system integrity and security; providing on-site GIS support in OPS; updating the NPMS Operator Standards in January 2003; and updating the NPMS Repository Standards in March 2003. The latest standards are available from the NPMS website at [www.npms.rspa.dot.gov](http://www.npms.rspa.dot.gov).

The NPMS originally consisted of a single National Repository and multiple state repositories. In September 2002, OPS ended the state repository program in favor of using a single National Repository for the processing and storage of the NPMS geospatial data. The National Repository is responsible for processing and maintaining pipeline data, LNG facilities, and breakout tanks. Pipeline operators are required to make updated submissions to the NPMS as changes occur along their pipeline system.

**SELECTION CRITERIA:** See FedBizOps numbered Note 24 for a general description of the selection process. Following an initial evaluation of the qualification and performance data submitted, three or more firms considered to be most highly qualified to provide the type of services required will be chosen for negotiation. Selection of firms for negotiation will be through an order of precedence based on demonstrated competence and qualifications necessary for satisfactory performance of the type of professional services required that include the following criteria which are of equal importance: (a) Demonstrated specialized experience and technical competence in: (1) managing and maintaining large relational geospatial databases in a GIS, including demonstrated experience in working with the full line of ESRI software including ArcGIS 8.x, ArcSDE, ArcIMS, ArcView 3.x and Oracle RDBMS, (2) working with U.S. hazardous liquid and gas transmission pipeline companies and their respective data records, and (3) converting digital data, digitizing paper maps, managing relational databases, projecting data, and performing quality-control processes. (b) Demonstrated capacity to accomplish the work in the required time. (c) Adequacy of in-house technical expertise to provide technical writing, Web support, application development, and on-site staffing. (d) The professional qualifications and composition of the proposed project team as a whole, and the experience of individual team members as directly related to the services described in criteria a, b, and c above. Any firm or joint venture that augments its in-house staff by contracting with consultants must perform a majority of the services with in-house staff.

**SUBMITTAL REQUIREMENTS:** See FedBizOps numbered Note 24 for general submission requirements. A/E firms that meet the requirements described in this announcement and wish to be considered must submit four (4) copies of a Standard Form (SF) 255, Architect-Engineer and Related Services Questionnaire for Specific Project and four copies of an SF 254, Architect-Engineer and Related Services Questionnaire for the prime contractor and four (4) copies each of an SF254 for each subcontractor/consultant listed in block 6 of the firm's SF255 to: Robyn Zellars, U.S. Department of Transportation (RSPA), Office of Contracts and Procurement, (DMA-30), 400 7<sup>TH</sup> Street, S.W. Rm. 7104, Washington, D.C. 20590. The SF255 with attachments must be limited to 25 pages not smaller than 12-point font. In Block 7 of the SF255 provide resumes for all key team members, and indicate each team member's role in the project. In Block 10 of the SF255, responding firms must provide the following: (a) Management Plan that is brief and explains the firm's management approach, management of subcontractors, specific quality control procedures used and includes an organizational chart showing the inter-relationship of management and various team components (including subcontractors). (b) A listing of mapping/GIS equipment and software available to the team, a quality management plan and organizational chart for the proposed team. (c) Supplemental information such as representative samples of relevant projects is encouraged. (d) Successful past performance on previous contracts with respect to cost control, quality of work, and compliance with performance schedules. Include names and current phone numbers for listed clients. Clients may be contacted during the evaluation process.

**GENERAL INFORMATION:** As noted earlier, this announcement can also be downloaded via the Internet at: <http://www.rspa.dot.gov> under Procurement Opportunities. In all correspondence to the RSPA Office of Contracts and Procurement, reference Announcement No. DTRS56-04-R-0001. Early submissions responding to this announcement are strongly encouraged. All submissions must be forwarded via overnight mail (e.g., Federal Express, UPS,) to Robyn Zellars, Research and Special Programs Administration, Office of Contracts and Procurement, ATTN: DMA-30, 400 7<sup>th</sup> Street, SW, Room 7104, Washington, D.C. 20590. Because of continued security concerns, do not send a submission via regular mail. As stated above, submit an original and four (4) copies of all the required documents. All responses must be received by the above office no later than FEBRUARY 11, 2004 at 4:00 P.M., EST, to be considered. Late responses will be handled in accordance with FAR 52-214-7. **FACSIMILE OR ELECTRONIC RESPONSES WILL NOT BE ACCEPTED. NO TELEPHONIC OR ELECTRONIC REQUESTS FOR INFORMATION WILL BE HONORED.** NOTE: All inquiries concerning this announcement must be directed to the RSPA Office of Contracts and Procurement, ATTN: Ms. Robyn Zellars, Contract Specialist, telephone: (202) 366-1951; e-mail: [robyn.zellars@rspa.dot.gov](mailto:robyn.zellars@rspa.dot.gov).